

1 Abstract of the Disclosure

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3 The present invention relates to an electrical machine 1, in particular an electric
4 motor, with a housing 2 and covers 3, 4 that close the housing 2 and contain
5 bearings 7, 8 that rotatably support a rotor 5. According to the present invention,
6 spring elements 7.3, 8.3 are provided that act upon at least one bearing shell 7.1,
7 7.2, 8.1, 8.2 each of bearings 7, 8 with a compression force acting in the axial
8 direction, whereby the mounting of the bearing shell 7.1, 7.2, 8.1, 8.2 that is
9 acted upon by one of the spring elements 7.3, 8.3 is configured as a sliding fit.

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11 (Figure 2)